

IN THE CLAIMS:

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)
16. (canceled)
17. (canceled)

18. (withdrawn) Hollow molded part made of a metallic material in the shape of an A-column for a motor vehicle and produced out of a first mold blank by

inner high pressure metal forming and having a bent section and a closed cross-section and a reinforcement characterized in that the A-column is formed as a single part and exhibits an increased wall thickness (b2) in the region of the bent section and in a region adjoining to the bent section and directed toward a roof of the motor vehicle, wherein the increased wall thickness (b2) operates as a reinforcement.

19. (previously presented) Method for production of a hollow molded part made of a metallic material and having a shape of an A-column of a motor vehicle and produced out of a tubular starting part (A) having a starting outer diameter (D1) and a starting wall thickness (b1), characterized in that initially the tubular starting part (A) is reduced by a radial or tangential deformation method in at least a second region (2) conically with an angle (α) and in at least a third region (3) cylindrically to a smaller diameter (D2) and thereby forming a mold blank (V) having an increased wall thickness (b2) relative to the starting wall thickness (b1) in the second region (2) and in the third region (3); then bending the mold blank (V) according to a required curvature for thereby forming an A-column ; and performing a final forming of the A-column by inner high pressure metal forming of the mold blank (V) in the first region and/or in the second region.

20. (previously presented) The method according to claim 19 characterized in that a bending of the mold blank (V) is performed in the second conical region (2) under axial pull tension.

21.(previously presented) The method according to claim 19 characterized in that an intermediate annealing of the mold blank (V) is performed prior to the inner high pressure metal forming.

22.(previously presented) The method according to claim 19 characterized in that an intermediate annealing of the mold blank (V) is performed between the step of the radial or tangential deformation method and the step of inner high pressure metal forming.

23. (previously presented) The method according to claim 19 characterized in that the step of the radial or tangential deformation is performed by hammering, forging swaging, rotary kneading, rolling, flow turning, or stretch forming.

24. (previously presented) The method according to claim 19 characterized in that

the mold blank (V) is generated from the tubular starting part having a starting outer diameter (D1) of from 80 mm to 160 mm, and having a starting wall thickness (b1) of from 2.0 mm to 5.0 mm;

wherein a first region (1) of the mold blank (V) has an outer diameter corresponding to the starting outer diameter (D1) and a wall thickness

corresponding to the starting wall thickness (b_1) and wherein the first region (1) exhibits a length (L_1) of from 1000 mm to 2500 mm;

wherein a second conical region (2) of the mold blank (V) exhibits an angle α of from 10 degrees to 85 degrees and a length (L_2) of from 200 mm to 1000 mm; and

wherein a third region (3) of the mold blank (V) is reduced to an outer diameter (D_2) of from 0.4 times (D_1) to 0.7 times (D_1) and to a wall thickness (b_2) of from 0.4 multiplied by (b_1) to 0.7 multiplied by (b_1) and exhibits a length (L_3) of from 500 mm to 1500 mm.

25.(previously presented) A method for production of an A-column comprising

forming a tubular starting part (A) having a starting outer diameter (D_1) and a starting wall thickness (b_1) and made out of a metallic material;

initially reducing the tubular starting part (A), by a radial or tangential deformation method in at least a second region (2) conically with an angle (α) and in at least a third region (3) cylindrically to a smaller diameter (D_2) and thereby forming a mold blank (V) having an increased wall thickness (b_2) relative to the starting wall thickness (b_1) in the second region (2) and in the third region (3);

then bending the mold blank (V) according to a required curvature for thereby forming an A-column; and

performing a final forming of the A-column by inner high pressure metal forming of the mold blank (V) in the first region and/or in the second region for forming the A-column of a motor vehicle.

26. (previously presented) The method according to claim 25 wherein bending the mold blank (V) in the second region (2) under axial pull tension.

27. (previously presented) The method according to claim 25 further comprising
intermediately annealing the mold blank (V) prior to the inner high pressure metal forming.

28. (previously presented) The method according to claim 25 further comprising
intermediately annealing the mold blank (V) between the step of the radial or tangential deformation method and the step of inner high pressure metal forming.

29. (previously presented) The method according to claim 25 wherein the step of the radial or tangential deformation is performed by hammering, forging swaging, rotary kneading, rolling, flow turning, or stretch forming.

30. (previously presented) The method according to claim 25 further comprising

generating the mold blank (V) from the tubular starting part having a starting outer diameter (D1) of from 80 mm to 160 mm, and having a starting wall thickness (b1) of from 2.0 mm to 5.0 mm;

wherein the first region (1) of the mold blank (V) has an outer diameter corresponding to the starting outer diameter (D1) and a wall thickness corresponding to the starting wall thickness (b1) and wherein the first region (1) exhibits a length (L1) of from 1000 mm to 2500 mm;

wherein the second region (2) of the mold blank (V) exhibits an angle α of from 10 degrees to 85 degrees and a length (L2) of from 200 mm to 1000 mm; and

wherein the third region (3) of the mold blank (V) is reduced to an outer diameter (D2) of from 0.4 times (D1) to 0.7 times (D1) and to a wall thickness (b2) of from 0.4 multiplied by (b1) to 0.7 multiplied by (b1) and exhibits a length (L3) of from 500 mm to 1500 mm.

31. (previously presented) A method of producing an A-column for motor vehicles comprising

furnishing a tubular starting part (A) having a starting outer diameter (D1) and a starting wall thickness (b1) and made out of a metallic material and having a first end portion, a central portion, and a second end portion;

forming the central portion to be tapered with an angle (α) and forming the second end portion (3) cylindrically of reduced diameter (D2) by a radial or tangential deformation method, wherein the central portion connects the first end portion to the second end portion and thereby obtaining a mold blank (V)

having an increased wall thickness (b2) relative to the starting wall thickness (b1) in the tapered central portion (2) and in the second end portion (3); bending the mold blank (V) in the central portion (2) according to a required curvature for thereby forming a bent mold blank (V); and finishing the bent mold blank (V) by means of at least one forming step carried out by inner high pressure metal forming of the bent mold blank (V) in the first end portion and/or in the central portion thereby forming an A-column of a motor vehicle.

32. (previously presented) The method of producing an A-column according to claim 31 further comprising incorporating the A-column next to a front window of a motor vehicle.

33. (currently amended) The method of producing an A-column according to claim 32 further comprising accepting ~~larger~~ large loads in a crash case of the motor vehicle based on increased wall thickness of the A-column in the tapered central portion (2) and based on a single piece construction of the A-column.

34. (previously presented) The method of producing an A-column according to claim 31 further comprising forming the A-column as a single part out of the tubular starting part (A).